MINUTES OF THE NUTRITION COORDINATING COMMITTEE (NCC) MEETING, NATIONAL INSTITUTES OF HEALTH (NIH) Rockledge 2, Conference Room 9100-9104, Bethesda, MD January 4, 2007 2:00- 4:00 PM

WELCOME

Dr. Pam Starke-Reed, Deputy Director, Division of Nutrition Research Coordination (DNRC), convened the meeting at 2:05 PM and welcomed participants. Participating via phone were Ms. Jean Charles-Azure, IHS; Dr. Shirley Blakely, FDA; Dr. Rosalind Breslow, NIH NIAAA; Ms. Tammy Brown IHS; Dr. Johanna Dwyer, NIH ODS; Dr. Nancy Emenaker, NIH NCI; Dr. Deborah Galuska, CDC; Dr. James Herrington, NIH FIC; Ms. M.K. Holohan, NIH NHGRI; Dr. Jag Khalsa, NIH NIDA; Dr. Christie Kaefer, NIH NCI; Dr. Marguerite Klein, NIH NCCAM; Dr. Natalie Kurinij, NIH NEI; Dr. Elizabeth Maull, NIH NIEHS; Dr. Iris Mabry, AHRQ; Ms. Holly McPeak, HHS/ODPHP; Dr. Marshall Plaut, NIH NIAID; Dr. Dan Raiten, NIH NICHD, Dr. William Riley, NIH, NIMH; Dr. Cynthia Tuttle, USDA CSREES, and Ms. Martina Vogel-Taylor, NIH ODP. The agenda for the meeting is provided as Appendix A, and the list of attendees is provided as Appendix B.

APPROVAL OF MINUTES FROM THE NOVEMBER 2, 2006 NCC MEETING Minutes from the Nov 2, 2006 NCC meeting had previously been sent to NCC members via email. Dr. Starke-Reed asked if there were any other corrections to the minutes. There were none. Dr. John Milner, National Cancer Institute (NCI), made a motion to approve the minutes, and Dr. Mary Frances Picciano, Office of Dietary Supplements (ODS), seconded the motion. The minutes were thus

approved and will be posted on the DNRC website, http://dnrc.nih.gov, along with the minutes from previous NCC Meetings.

UPDATE ON DRI RESEARCH SYNTHESIS REPORT

Dr. Molly Kretsch, USDA (ARS), presented information about the Dietary Reference Intakes (DRIs) Research Synthesis Project. An overview of this project can be found in Appendix C. Dr. Kretsch and Dr. Paul Coates, NIH, ODS, are co-chairs of the Federal DRI Research Synthesis Sub-Committee, which has been established to develop and implement efforts that will result in the wide dissemination of the DRI research recommendations. The project began in the spring of 2005 and is now nearing completion. The DRIs, used both in the US and Canada, are the most recent nutrient intake recommendations. They were established between 1997 and 2004. Since 1941, the Food and Nutrition Board of the National Academy of Sciences (NAS) has been identifying nutrient intakes designed to maintain good health. The Federal Government sponsors the NAS process to ensure independent scientific analysis of the data.

Specific goals of the DRI Research Synthesis Project include: 1). Identify DRI research gaps, 2). Collate a searchable database of the DRI research recommendations, 3). Evaluate the current relevance of these research recommendations, 4). Use the information to inform the federal research planning process, and 5). Stimulate needed research to underpin future revisions of the DRIs. For this project, a new collaborative process was initiated between US and Canadian governments and between federal sponsors and NAS's Institute of Medicine. The aim was to ensure that federal program needs were met while incorporating the independence afforded by NAS.

The Federal DRI Steering Committee called upon the NAS Food and Nutrition Board to extract the DRI research recommendations from the 6 nutrient reports and the 2 DRI application reports, synthesize the recommendations into a meaningful and searchable database, and to convene a workshop to identify research progress and gaps to be filled. The workshop was held in June of 2006. Experts reviewed the research recommendations and progress for the 8 DRI reports. This was also done for 3 cross-cutting topics: setting DRIs for children, tolerable upper intake levels, and new and underutilized research tools. The IOM prepublication report, *Dietary Reference Intakes Research Synthesis: Workshop Summary*, was released in October 2006 and is available at the IOM website: http://www.iom.edu/CMS/3788/33354.aspx. The pdf copy of the report can be downloaded at this site. The final report is expected in February 2007.

There are still some remaining concerns to be addressed. One example is determining a means to incorporate research progress into the searchable research gaps database so that it becomes a "living database." How this would be funded, who the host website would be, and how this database could be linked to federal research portfolios remains to be seen. Determining further methods to alert the research community about the research gaps and priorities is also needed. In addition to the workshop report and searchable database, the sub-committee is working on other avenues to disseminate the information. Another remaining challenge is stimulating research to fill these gaps. Specifically, this challenge includes identifying ways to frame the research so that it excites young researchers, determining what should be funded with intramural vs. extramural funds, and coordinating research needs with our Canadian partners. If any NCC participants have ideas about ways to address these remaining concerns, please contact Dr. Kretsch (Molly.Kretsch@ars.usda.gov) or Dr. Coates (Paul.Coates@nih.hhs.gov).

UPDATE ON DEVELOPMENT OF THE DIETARY REFERENCE INTAKE REQUIREMENT PROCESS

Because the DRIs are produced by the Institute of Medicine, Dr. Linda Meyers, Director of the Food and Nutrition Board, provided a brief background of the IOM. It was established in 1970 as part of the National Academies and offers unbiased advice, issues evidence-based recommendations, and shapes health policy. With

over 150 dedicated staff members and 1600 elected members, it is able to publish more than 40 reports per year. Activities convened by the IOM include forums and roundtables, workshops, symposia and lectures, and committee studies, which follow a very specific study process and undergo rigorous peer review.

The Food and Nutrition Board, one of the IOM's programmatic units, addresses contemporary, complex, evolving, and often controversial science and policy issues. It is this unit that is responsible for the DRIs. Originally produced as 8 separate reports, there is now a single summary volume, called *Dietary* Reference Intakes: The Essential Guide for Nutrient Requirements, available from the National Academies Press: http://www.nap.edu/catalog/11537.html. As a reminder, federal employees can receive one free pdf copy of any National Academy report by following the steps described at this website: http://www7.nationalacademies.org/ocga/RequestReport.asp. Additional topics undertaken by the Food and Nutrition Board have involved food safety and risk, quality and adequacy, diet and health, and obesity prevention. Reports to watch for in 2007 include nutrition standards for foods in schools, a workshop summary on weight before, during and after pregnancy, and a workshop summary from a joint US-Mexico Workshop on Obesity Prevention. Under development are projects on nanotechnology and nutrition, reducing microbial pathogens in produce, and nutrition interventions for children under 2.

In addition to the DRI Research Synthesis Project discussed above by Dr. Kretsch, Dr. Christine Taylor described a parallel project that is moving forward at the IOM to identify lessons learned through the DRI process. Two workshops, one in the US and one in Canada, will be held in September 2007. A planning committee is being organized and will be chaired by Dr. John Suttie (retired) from the University of Wisconsin, Madison. As background, several White Papers will be produced prior to the workshops. In addition, a conceptual framework for organizing the approach to identifying lessons learned is being developed. Dr. Taylor reported that the work is on track and moving forward.

NEW DIRECTIONS FOR THE NATIONAL KIDNEY DISEASE EDUCATION PROGRAM

Dr. Andrew Narva, a recent addition to the National Institute of Diabetes and Digestive and Kidney Diseases, shared his goals as the Director of the National Kidney Disease Education Program. Dr. Narva comes to NIH from Indian Health Service and brings 25 years of experience in improving care in a high-risk population with a disparate burden of chronic kidney disease (CKD) and limited resources. He hopes to apply the lessons learned from this population to a much broader context.

Even though detailed guidelines for CKD care exist and there has been a widespread implementation of the estimated glomerular filtration rate (eGFR), the

best test to measure level of kidney function and determine the stage of kidney disease, progress still needs to be made. Currently, the implementation of recommended care for CKD is poor, and most clinicians feel inadequately educated about this disease. Dr. Narva plans to expand NKDEP to address a broader range of treatment issues. His specific goals for 2007/2008 are to help primary care providers better assess and treat CKD, help health professionals better educate patients about CKD, improve diagnostic tools used to assess kidney function, and improve coordination of Federal response to CKD.

In the past, a formal relationship has not been established between NKDEP and nutrition professionals. Dr. Narva hopes to change this. Because NKDEP's priority is to focus on populations at highest risk and the providers who serve those populations, he hopes to involve the nutrition community. Dr. Narva welcomed any suggestions for outreach to nutritionists.

ODS ACTIVITIES UPDATE

Dr. Mary Frances Picciano provided the following updates from ODS:

The ODS is in the final stages of assembling a Vitamin D Federal Working Group that will be comprised of representatives from the NIH (various Institutes, Centers and Offices), FDA, CDC, AHRQ, DHHS, USDA, NIST, and DoD/USARIEM. The working group will be provided with a draft of the forthcoming evidence based review entitled, *Vitamin D, Effectiveness and Safety,* that should become available this month. Following review of the draft report, the first meeting of the working group will be scheduled to discuss possible "next steps." One likely activity of the working group is to plan a conference and workshop on vitamin D to (1) get out the facts and (2) identify research needs. Dr. Patsy Brannon, Professor of Nutrition at Cornell University was recruited as a special senior scientific advisor to assist the ODS in this effort.

The first ODS Spring 2007 Seminar will be presented by Wm. Craig Byrdwell, PhD of the USDA Food Composition Laboratory on Wednesday, January 17th at 11:00 in Executive Plaza North, Room J, 6130 Executive Blvd., Rockville, MD. The title of his presentation is "Vitamin D: Background and Current Analytical Methods." All are welcome.

The next closing date for receipt of applications for ODS co-funding of grants and conferences is January 30, 2007. Applications will be reviewed on February 14th and notification of funding decisions will be sent to ICs by February 23rd. Please direct all inquiries to Dr. Rebecca Costello. A listing of grants co-funded by ODS may be found at the following website:

http://dietary-supplements.info.nih.gov/Funding/Grants__Contracts.aspx

UPDATE FROM THE DHHS OFFICE OF DISEASE PREVENTION AND HEALTH PROMOTION (ODPHP)

Ms. Kathryn McMurry provided the NCC with several updates from ODPHP:

The federally sponsored DRI reports are now available for free download by the public at the National Agricultural Library's Food and Nutrition Information Center website. They can be accessed on the FNIC website at http://fnic.nal.usda.gov/DRIreports. This project was a collaborative effort sponsored by the Office of Disease Prevention and Health Promotion.

The presentations and proceedings of the National Prevention Summit: Prevention, Preparedness, and Promotion, held on October 26–27, 2006 will be available in the next few months at http://www.healthierus.gov/steps/summit.html

The Healthy People 2010 Midcourse Review was completed last week and is now available at http://www.healthypeople.gov/ Print order requests will be needed by January 31.

UPDATE OF DNRC ACTIVITIES

Nutrition Education Subcommittee (NES): Dr. Jean Pennington, DNRC, provided an update of the activities of the NIH NCC NES. For the calendar year 2006, the NES received and reviewed 43 documents. These documents included seven from NIH, 15 from other DHHS agencies, and 21 from USDA. Materials reviewed since the last NCC meeting were:

- Nutrition Education Public Service Advertising Campaign (FNCS, USDA)
- Team Up at Home (FNS, USDA)
- MyPyramid for USDA Employees (Human Nutrition Coordinating Committee, USDA)
- MyPyramid Steps to a Healthier Weight (CNPP, USDA)
- Small Steps for Portion control and Eating Healthier (DHHS)
- Do You Have Questions About Nutrition? (DNRC, NIH)

The DNRC website (http://dnrc.niddk.nih.gov/nutrition_education/index.shtml) provides links to NIH nutrition education materials. NCC members are requested to communicate updates to these links to the DNRC.

HNRIM Update: Mr. Jim Krebs-Smith announced the annual collection of NIH data for the HNRIM system. The request and related documents will be emailed to NCC members and HNRIM contacts within the next few days. IC's are requested to submit their FY06 nutrition research and training data no later than Monday, February 5th. Mr. Krebs-Smith again encouraged IC's to work with their budget offices or other support staff to include all nutrition related research (grants, contracts, intramural projects) and – in particular -- all ODS co-funded grants in your IC's research portfolio. Mr. Krebs-Smith also summarized the

recent working session to review the "nutrition fingerprint," part of the Knowledge Management for Disease Coding (KMDC) process. Additional nutrition concepts and terms have been submitted by working group members to improve the initial fingerprint, and another review will be held later in January.

New trans-NIH working group: The DNRC initiated a trans-NIH Prebiotic and Probiotic Working Group (PPWG), to identify gaps and future research opportunities to support the study of pre and probiotics. PPWG is currently planning a workshop for 2007 that will be geared toward understanding the microbiotia of the human gut and how pro and prebiotics influence gut ecology in both the normal and diseased gut. This is a trans-NIH working group and we would like to include all I/C's that have an interest in pre and probiotics research. If you have any questions or are interested in joining PPWG, please contact Dr. Crystal McDade-Ngutter at (mcdade-ngutterc@mail.nih.gov).

Dr. Hubbard announced a change that will be occurring at the DNRC later this month. Ms. Linda Somuah, the DNRC's secretary, will be leaving NIH as of January 21, 2007. Her service has been greatly appreciated. Please direct any emails that you would have sent to Ms. Somuah to Dr. Hubbard, Dr. Starke-Reed, or Ms. Sharon Frazier (fraziers@niddk.nih.gov).

Dr. Hubbard also announced another change that will be taking place at CDC. The Division of Nutrition and Physical Activity (DNPA) recently released a new strategic plan. Details can be found in Appendix D.

REPORTS FROM NCC MEMBERS AND LIASONS:

Dr. Dan Raiten, NICHD, announced a new RFA relating to nutrition and HIV entitled, "Integration of Food and Nutrition into Prevention, Care, and Treatment of HIV Infection and AIDS." For more details, visit the following website: http://www.nichd.nih.gov/funding/foa/foa.cfm?select_doctype=RFA#. There is a second RFA for RO1s entitled "Nutrition and Prevention, Care, and Treatment of HIV/AIDS (RO1)." It is currently in ENS and should be published in a couple of weeks.

Dr. Kathy Ellwood, FDA, informed the NCC about a new Federal Register notice published on January 5th regarding the proposed rule to amend the calcium and osteoporosis health claim. The proposed rule can be viewed at the following website and all comments are due by March 21, 2007. http://www.accessdata.fda.gov/scripts/oc/ohrms/dailylist.cfm?yr=2007&mn=1&dy=5.

NEXT NCC MEETING

The next meeting will be Thursday, February 1, 2007

ADJOURNMENT

The meeting was adjourned at 3:55 PM.

LIST OF APPENDICES

Appendix A: NIH NCC Meeting Agenda for January 4, 2007 Appendix B: NIH NCC Meeting Agenda for January 4, 2007

Appendix C: The Dietary Reference (DRI) Research Synthesis Project

Appendix D: Strategic Plan for the Division of Nutrition and Physical Activity

(DNPA) at CDC

APPENDIX A: NIH NUTRITION COORDINATING COMMITTEE MEETING AGENDA

Thursday, January 4, 2007 2:00-4:00pm Rockledge 2, CR#9100-9104

1. WelcomeVan Hubbard			
2. Approval of Minutes of the November 2, 2006 meeting Van Hubbard			
3. Update on DRI Research Synthesis ReportMolly Kretsch, USDA			
4. Update on Development of the Dietary Reference Intake Requirement Process			
5. New Directions for the National Kidney Disease Education ProgramAndrew Narva, KUH			
6. ODS Activities Update			
7. ODPHP Activities Update			
8. Current DNRC Update of Activities			
9. Reports from NCC Members and LiaisonsNCC Members			
10. Next Meeting - February 1, 2007			
11. Old Business			

^{*} Updates will be included in the minutes of the meeting only

APPENDIX B: NCC MEETING ATTENDEES FOR JANUARY 4, 2007

	Members Present	Members Absent	Alternates Present
Chairperson:	V Hubbard		P Starke-Reed
NIH Members: NC NHLBI NIDCR NIDDK NINDS NIAID	J Milner M Plaut	D Danford R Nowjack-Rayner C Miles M Mitler	S Ross
NIGMS NICHD NEI NIEHS NIA NIAMS NIDCD NIMH NIDA NIAAA NINR NCCAM NCRR FIC	N Kurinij E Maull J Hannah J McGowan R Breslow M Klein J Herrington	S Somers G Grave B Wong P Muehrer G Lin Y Bryan L Yager	D Raiten
NHGRI	M.K. Holohan		
NIH Liaison Member CC CIT CSR NLM OBSSR OC ODS OD/ODP	rs: N Sebring B Portnoy	J Mahaffey S Kim S Phillips D Olster M Stern P Coates	N Sheard B Costello
OLPA ORWH PRCC	M Vogel-Taylor		
Agency Liaison Rep CDC/NCCDPHP CDC/NCHS		V Burt	
FDA	K Ellwood		S Blakely
HRSA IHS ODPHP	T Brown	M Lawler	J Azure
USDA DOD	K McMurry M Kretsch K Friedl		D Klurfeld
OPHS		M Terpeluk	

DNRC: R Fisher, W Johnson-Taylor, J Krebs-Smith, C McDade-Ngutter, J Pennington, K Regan, L Somuah

<u>Guests:</u> R Ballard-Barbash (NCI), L Borrud (NCHS CDC), C Davis (NCI), N Emanaker (NCI), M Evans (NIDDK), C Kaefer (NCI), J Khalsa (NIDA), Y Kim (NCI), S Krebs-Smith (NCI), P Hans (NINDS), I Mabry (AHRQ), H McPeak (ODPHP), L Meyers (IOM/NAS), A Narva (NIDDK), MF Picciano (ODS), C Sempos (CSR), C Swanson (ODS), C Taylor (IOM/NAS), P Thomas (ODS), R Troiano (ODPHP/OS), E Trujillo (NCI), C Tuttle (USDA/CSREES), W Riley (NIMH), B Yetley (ODS)

APPENDIX C: THE DIETARY REFERENCE (DRI) RESEARCH SYNTHESIS PROJECT

Since 1941 the Food and Nutrition Board of the National Academy of Sciences has developed nutrient intakes designed to maintain good health, commonly known as Recommended Dietary Allowances (RDAs). For decades they have served as standards for federal nutrition programs; regulations related to food fortification, nutrition labeling, and military meals; nutritional guidelines for food assistance programs; and indicators of the quality of individual diets. Given their wide-ranging applications, RDAs have been periodically revised to reflect prevailing scientific knowledge of nutrient needs.

The DRI Process

The most recent updating of the RDAs occurred between 1996 and 2004. Sponsored by both the U.S. and Canadian governments, the process resulted in a new set of nutrition standards known as Dietary Reference Intakes (DRIs). A new framework was established to develop the DRIs; for example, it includes more nutrients and food components and takes into account when possible the scientific knowledge on nutrient intakes associated with reducing chronic disease risk. There are now multiple standards for each nutrient that include both recommended intakes and safe upper limits. These comprehensive DRI efforts were undertaken at the request of the Federal Steering Committee for Dietary Reference Intakes. Members of the committee come from sponsoring agencies in the U.S. and Canadian governments that have provided guidance, oversight, and substantial financial support to the DRI process.

Another important activity of the DRI process was to identify gaps in knowledge that preclude the establishment of more definitive and useful nutrient recommendations. Its eight reports (six on specific classes of nutrients and two on DRI applications) contain more than 450 recommendations for research. Continuing knowledge gaps include, for example, the requirements of children, pregnant and lactating women, and the elderly; individual variations in requirements caused by genetics, lifestyle and environment; bioavailablility and interactions among nutrients; the need for biomarkers that can predict functional outcomes and chronic diseases; and the need to improve dietary assessment methods.

Next Steps:

For future revisions of the DRIs, it is important that these research recommendations be widely circulated in the biomedical community and considered in setting priorities for future study of nutrient needs throughout the lifespan. They are currently available in two forms: as an electronic database in the form of both Microsoft Excel and Microsoft Access files (available at www.iom.edu/DRIresearch2006) and as a book titled *Dietary Reference Intakes Research Synthesis: Workshop Summary* (released in prepublication form in October 2006 and available at the same web address). The book provides the

results of a workshop held June 7-8 where experts provided perspectives on the research recommendations and discussed progress in addressing some of them.

A DRI Research Synthesis Subcommittee has been established to develop and implement efforts that will result in the wide dissemination of the DRI research recommendations. The subcommittee is co-chaired by Paul M. Coates, PhD, Director of the Office of Dietary Supplements at the National Institutes of Health and Molly Kretsch, PhD, National Program Leader in Human Nutrition at the U.S. Department of Agriculture. Activities in progress or planned include:

- improving the usability and searching capabilities of the electronic database (e.g. creating a web-based, user-friendly search page;
- linking the database to others that document nutrition research progress at the federal and related levels;
- hosting the database on federal websites with links to other relevant sites;
- presentations at professional meetings, including Experimental Biology in May 2007;
- publishing an article about DRI-related research needs in a major nutrition journal.

Contact Information:

To learn more about the Federal DRI Steering Committee and its work, contact Kathryn Y. McMurry, MS (<u>Kathryn.McMurry@hhs.gov</u>). Further ideas and advice for disseminating the DRI research recommendations are welcome; please contact Dr. Coates (<u>pc61s@nih.gov</u>) or Dr. Kretsch (<u>Molly.Kretsch@ars.usda.gov</u>).

APPENDIX D: STRATEGIC PLAN FOR THE DIVISION OF NUTRITION AND PHYSICAL ACTIVITY (DNPA), CDC

December 22, 2006

Dear Colleague:

As the calendar year comes to a close, I would like to highlight our progress in creating a strategic plan for the Division of Nutrition and Physical Activity (DNPA), and share information that will likely impact our work in the upcoming year.

DNPA Strategic Plan

DNPA's formal vision, mission and goals (Attachment 1) highlight good nutrition, healthy weight, physical activity, and obesity prevention. Our strategic priorities (Attachment 1) focus on strengthening relationships with partners, ensuring strong science that supports public health practice, and fostering program integration. Our functional model (Attachment 2) reflects a flow of activities that begins with leadership and depicts program activities as the final common pathway. Lastly, our proposed organizational structure (Attachment 3) includes key positions and new proposed Branches that will be essential to accomplish our work. The proposed Program Development Branch will incorporate our existing state program activities, the fruit and vegetable program, and communication and social marketing activities. These changes target more Division resources in our programmatic efforts, and will ultimately increase our capacity for and the quality of our technical assistance to states and other partners. The proposed Obesity Prevention and Control Branch will focus more Division resources on the critical problem of obesity. We are already investing more time and resources in our efforts to translate and disseminate nutrition, physical activity, and obesity strategies that work. I look forward to discussing all of this in greater detail during our conference call scheduled for early January.

Staffing

We recently selected Laurie Johnson as the Deputy Director of DNPA. Laurie brings with her over 25 years of public health experience, and has been on detail with us since March. We're delighted to have her assume this permanent position, and hope that you'll have the opportunity to meet her in the upcoming months. Robin Hamre, who successfully developed the Nutrition and Physical Activity Program to Prevent Obesity and Related Chronic Diseases now brings these skills to our policy group where she will play a key leadership role in the development of new and innovative partnerships. Jude McDivitt, former leader of our Nutrition and Physical Activity Communication Team, will play a vital role in coordinating efforts throughout the Division to translate research to practice. Larry Grummer-Strawn will direct the newly consolidated Nutrition Branch, and David Buchner will continue to lead the Physical Activity and Health Branch. Mary Serdula will focus on providing expertise to our Micronutrient Malnutrition efforts. Solicitations for Acting Chiefs and Deputy Chiefs of our two new proposed Branches (Obesity and Program Development) have been announced and are expected to be filled by mid-February.

Staffing of the newly proposed DNPA structure is currently underway, as is an active recruitment and hiring process to fill vacancies, particularly those with specific duties that support the State programs. Standard CDC practice requires approval at a higher level before the proposed branches and positions become permanent. We appreciate your understanding and patience as we proceed through this process.

I look forward to talking with you in early January and continuing our strong commitment and partnership to address obesity and other chronic diseases through physical activity and good nutrition.

Best wishes for a peaceful holiday season and a productive 2007.

Sincerely,

Bill Dietz Director, Division of Nutrition and Physical Activity

ATTACHEMENT 1:

DNPA Vision and Mission

Vision:

A world where regular physical activity, good nutrition, and healthy weight are part of everyone's life.

Mission:

Lead strategic public health efforts to prevent and control obesity, chronic disease, and other health conditions through regular physical activity and good nutrition.

Goals

- Increase health-related physical activity through population-based approaches.
- Improve those aspects of dietary quality most related to population burden of chronic disease and unhealthy child development.
- Decrease prevalence of obesity through prevention of excess weight gain and maintenance of healthy weight loss.

Strategic Priorities

- Seek new and creative approaches to integrate nutrition and physical activity initiatives for obesity prevention and control.
- Develop and implement a research agenda that supports public health practice.
- Strengthen relationships with all state, territorial and tribal health departments so that we are partners in promoting physical activity, nutrition, and obesity prevention and control.

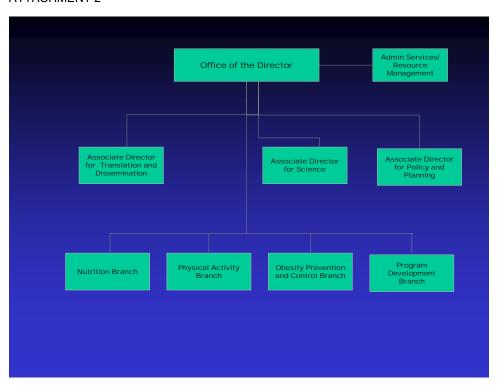
Strategic Priorities

Develop and implement an agenda that clarifies and defines strategic public health leadership in obesity prevention and control.

Prioritize, initiate and improve linkages within CDC to align and disseminate consistent public health recommendations and promising practices.

Develop an agenda for addressing health disparities in physical activity, nutrition, and obesity prevention and control.

ATTACHMENT 2



ATTACHMENT 3: DNPA Functional Model Leadership, Management & Accountability Policy Analysis Policy Analysis Admin./ Clerical Relations Research Surveillance

Program
Development and
Technical
Assistance

Training

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Translation & Dissemination